

ORIGINAL

**Before the  
Federal Communications Commission  
Washington, D.C. 20554**

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

In the Matter of	)	
	)	
Amendment of Section 73.202(b),	)	MM Docket No. 97-178
Table of Allotments,	)	RM-8329
FM Broadcast Stations,	)	RM-8739
(West Hurley and Rosendale, New York,	)	
North Canaan and Sharon, Connecticut)	)	

To: Chief, Allocations Branch

**COMMENTS AND COUNTERPROPOSAL OF SUNY**

State University of New York ("SUNY"), by its counsel, provides these comments on, and counterproposal to, the Notice of Proposed Rulemaking and Order to Show Cause, released by the Chief, Allocations Branch, on August 15, 1997 (the "NPRM") with respect to the captioned matter.

**The Commission Must Withhold Final Action in This Proceeding  
Pending Resolution of MM Docket 93-17**

The NPRM requests comments on two mutually exclusive petitions for rulemaking proposing new allotments at West Hurley, New York (Channel 255A), and North Canaan, Connecticut (Channel \*277A -- which requires substitution of Channel 255A for unoccupied but applied-for Channel 273A at Rosendale, New York). Yet, both of these proposals are fully contingent on resolution of another, earlier and still pending, allocation proceeding in MM Docket 93-17. On August 1, 1997, SUNY filed a Petition for Reconsideration of the *Memorandum Opinion and Order* in MM Docket 93-17 (the "Rosendale Proceeding").<sup>1/</sup>

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<sup>1/</sup> *Report and Order* in MM Docket No. 93-17, 10 FCC Rcd 11471 (1995), *recon. denied on other grounds*, 11 FCC Rcd 3607 (1996), *app. for rev. denied on other grounds*,

In its Petition for Reconsideration in the Rosendale Proceeding, SUNY has urged that the Commission reserve Channel 273A for noncommercial educational use, grant the modification of license requested by SUNY to operate Station WFNP as a full-time noncommercial educational station on Channel \*273A at Rosendale, allot Channel 255A at Rosendale as a non-reserved allotment, and direct the other pending applicants for the new channel at Rosendale to modify their applications to specify Channel 255A.<sup>2/</sup> Quite obviously, the Allocations Branch cannot proceed with the West Hurley or North Canaan allotments, or with the associated resultant allotment changes, all of which involve use of Channel 255A, until the issue of Station WFNP(FM)'s license modification to Channel \*273A is resolved by the Commission or by judicial review.

The Allocations Branch acknowledges this dilemma in Footnote 1 of its NPRM, however, the parties to this proceeding should explicitly understand that the Rosendale proceeding takes precedence over this NPRM and that the Rosendale proceeding should be decided without regard to any possible outcome in this NPRM. Both petitioners in this proceeding, Raymond A Natole ("Natole") and Sacred Heart University ("SHU"), were parties to the Rosendale proceeding: Natole filed a defective counterproposal to allot Channel 255A to West Hurley in MM Docket 93-17 which is now the subject of this NPRM; SHU participated in MM Docket 93-17, applied for Channel 273A at Rosendale, New York, and instituted its North Canaan proposal long after the proceeding commenced in MM Docket 93-17. Neither Natole nor

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adopted June 23, 1997, released July 2, 1997 (FCC 97-226).

<sup>2/</sup> In its pleadings in MM Docket 93-17, SUNY had also indicated its willingness to have the license for Station WFNP(FM) modified to Channel \*255A.

SHU can claim to be unaware of the pre-existing Rosendale proceeding and its ramifications for the use of Channels 273A and Channels 255A at Rosendale. The Allocations Branch must stay its hand on Natole's and SHU's proposals until MM Docket 93-17 is finally resolved.

**SUNY Counterproposes the Allotment of Channel \*273A to Rhinebeck  
as a Reserved Noncommercial Educational Channel and as the Community's First Local  
Aural Service**

For the reasons given above, the instant proceeding cannot be resolved until MM Docket 93-17 is finally decided. In fact, this proceeding will be mooted when MM Docket 93-17 is decided in SUNY's favor. Yet, SUNY makes the counterproposal set forth here in order to preserve its rights to participate in this proceeding if it is not mooted by MM Docket 93-17.

SUNY counterproposes the allotment of Channel \*273A to the Town of Rhinebeck, New York, as a reserved noncommercial educational channel, and the community's first local service. To accommodate this counterproposal, SUNY also proposes the substitution of Channel 255A for vacant Channel 273A at Rosendale, New York.

The Town of Rhinebeck is listed in the 1990 U.S. Census, as well as the 1996 Rand McNally Commercial Atlas and Marketing Guide, as a community and attributed with a substantial population of 7,558 persons. The Town of Rhinebeck has its own unique zip code. The Town of Rhinebeck contains the typical government services, businesses and cultural activities of a community. For example, the Town of Rhinebeck has attributes of a "community," including a Town Supervisor, a Highway Garage, a Tax Collector, a Dog Control Officer, a Town Court, a Recycling/Transfer Station, a Zoning and Planning Board, and a pool.

As stated in the attached Engineering Statement, the allotment of Channel \*273A to the Town of Rhinebeck would provide first and second noncommercial educational service to a significant number of persons. There is no channel within the reserved portion of the FM band available for use because of the proximity of TV Station WGRB(TV) at Schenectady, NY, which operates on TV Channel 6. See attached Engineering Statement. As indicated in MM Docket 93-17, SUNY has long desired to provide an unlimited-time noncommercial educational service to the Dutchess County area and surrounding areas in New York. As also indicated in MM Docket 93-17, SUNY has been stymied in its attempts to modify its existing license to a non-reserved band channel for its noncommercial use. SUNY's counterproposal presents an opportunity for the Commission to fulfill its own allotment priorities by providing a first local aural transmission service to the Town of Rhinebeck, with its population of 7,558 persons, and to provide a first noncommercial educational radio service to an unserved and underserved population in the area.

### **Conclusion**

For the foregoing reasons, SUNY requests that the Allocations Branch stay final action on this NPRM until such time as MM Docket 93-17, the Rosendale Proceeding, is finally resolved. Alternatively, SUNY Counter proposes the allotment of Channel 273A at the Town of Rhinebeck, New York, and its reservation for noncommercial educational use. SUNY intends to apply for Channel \*273A at the Town of Rhinebeck, New York, if allotted as proposed herein and to promptly construct the station if the permit is awarded to SUNY.

Respectfully submitted,

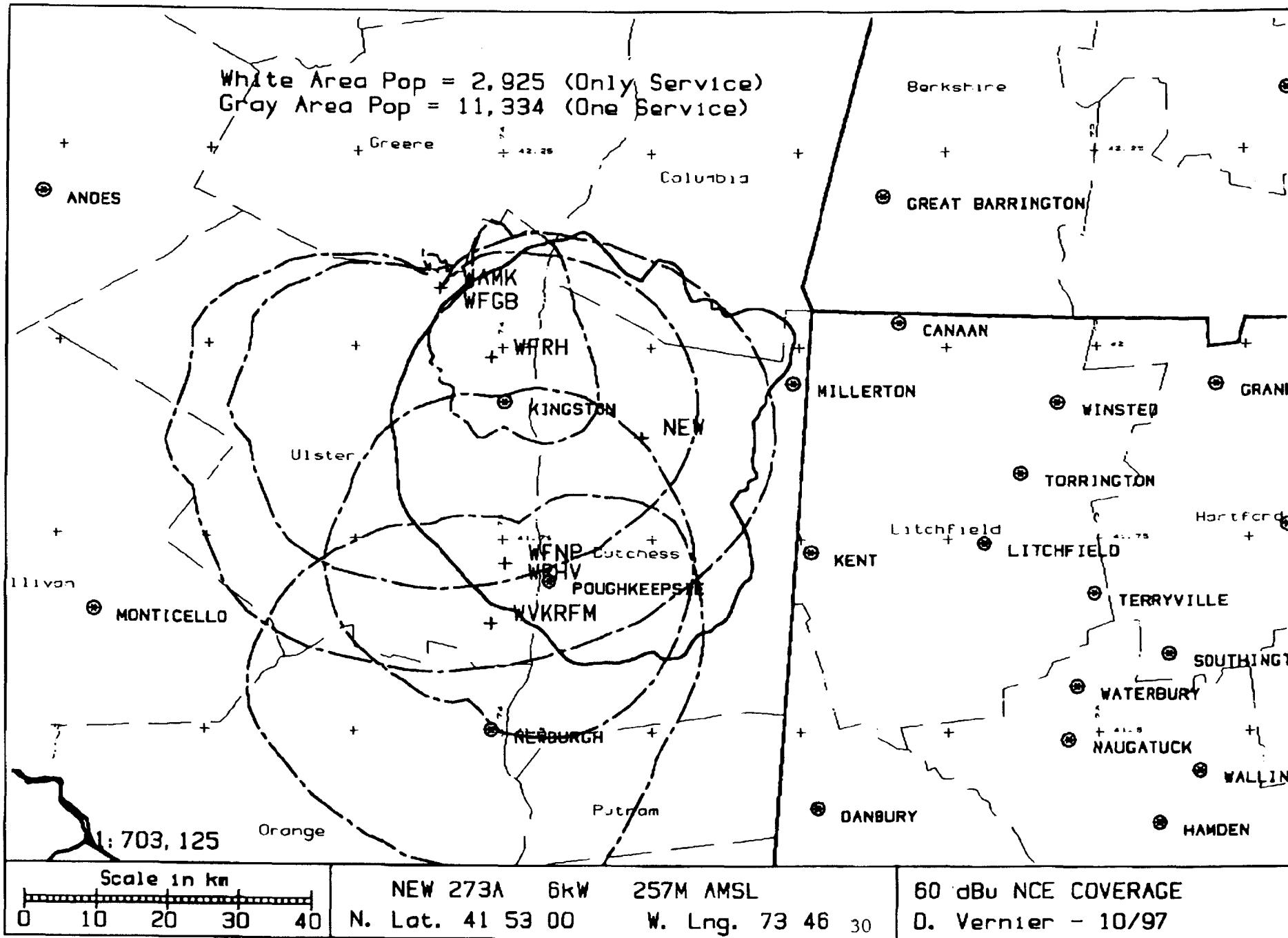
**STATE UNIVERSITY OF NEW YORK**

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202-776-2000

October 6, 1997

FIGURE # 1



**Engineering Exhibit #EE-1 in support of the  
State University of New York counterproposal to MM Docket 97-178**

**General**

In MM Docket 97-178, the Commission proposed to allocate channel 255A to West Hurley, NY or, alternately, 277A to North Canaan, CT both of which would provide a first local aural transmission service. The North Canaan allotment would also provide a first NCE service. Channel 277A is currently in use by radio station WQQQ at Sharon, CT. RM-8739 proposes the allotment and reservation of channel 273A at Sharon, CT for radio station WQQQ. In addition, channel 273A has already been allocated to the community of Rosendale, NY. The proposed rule making would substitute channel 255A for channel 273A at Rosendale. The State University of New York (SUNY) is proposing an alternative use for channel 273A, which it believes will better serve the public interest, convenience and necessity.

**Proposed Amendment to the Table of FM Allotments**

The proposed amendment to the table of FM allotments is as follows:

<u>Community</u>	<u>Community Reference Coordinate</u>	<u>Proposed Allocation Coordinate</u>	<u>Present</u>	<u>Proposed</u>
Rosendale, NY	41-50-38N 74-04-57W	41-55-45 74-07-44	273A	255A
Rhinebeck, NY	41-55-36 73-54-47	41-53-00 73-46-30	----	*273A

SUNY proposes the allocation of channel \*273A to the community of Rhinebeck, NY as its first local service. SUNY further proposes that channel \*273A be reserved for noncommercial use. The proposed allocation coordinates for Rhinebeck are 12.4km from the community's reference coordinates along the 293 degree radial, well within the class contour of 16.2km. The proposed reference coordinates were chosen in order to provide new service an NCE white area. SUNY requests that its coordinates be used in this proceeding.

For channel 255 at Rosendale, the proposed reference coordinates are 10.1km from the community's reference coordinates, well within the 16km class contour.

#### The Community of Rhinebeck

Rhinebeck is located in Dutchess County, New York. It is listed in the 1990 US Census with a total community population of 7,558 persons. Rhinebeck is incorporated with elected officials and contains typical government services found in communities. It is also the home of the Dutchess County Fairgrounds and Northern Dutchess Hospital. It has an active business district, parks and unique attractions.

Reservation for NCE use

SUNY requests that the proposed channel \*273 allocation be reserved for noncommercial educational use. SUNY has determined that a new NCE station in the reserved portion of the FM band is not feasible due to interference issues with TV channel 6 as set forth in section 73.525 of part 73. Table TV6 is a TV channel 6 vs. FM study showing that the interference from a class A facility would impact at least 4,179 persons. This study is based upon use of channel 220 at 100 meters and 6kW circular ERP. Channel 220 is the highest reserved channel and produces the least interference to TV channel 6. Since channel 220 cannot be used, SUNY believes that no other reserved channel can be used.

Population Served

Rhinebeck has a total population of 7,558 persons and is located in Dutchess county, New York. Dutchess county has a 1990 population of 259,462 persons. The proposed new channel \*273A facility would cover 2,593 sq. km and serve 274,242 persons. In addition, 2,925 NCE "white area" persons would receive a new NCE first service and 11,334 NCE "gray area" persons would receive second service from the proposed allocation. Figure 1 is a map showing the contours of the stations used in calculating the white and gray areas.

Summary

The SUNY proposal would provide new first local service to Rhinebeck, NY, an active community of 7,558 persons. It would also provide first NCE service to 2,925 persons and a second NCE service to 11,334 persons. Additionally, the SUNY proposal would provide a new NCE service to 274,242 persons. SUNY believes that their proposal provides the best service to the most people.

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## SUNY Exhibit # EE-1, Table # TV6

## Educational FM/TV Channel 6 Interference area

Interference	----- WRGB Channel 6 -----						----- Proposed Ch. 220 -----					
--- Site ---	C/R	311 m	AAT				C/R	100 m	AAT			
Lat 41-53-00			Latitude: 42-38-12						Latitude: 41-53-00			
Lon 73-46-30			Longitude: 73-59-45						Longitude: 73-46-30			
Bear.	Dist	Bear.	Dist	Haat	ERP	F.S.	U/D	Bear.	Dist	Haat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
.	.	.	.	.	.	.	.	.	.	.	.	.
.0	4.3	167.1	81.5	274	93.3	54.9	35.1*	.0	4.27	70.2	6.00	90.0
1.0	4.3	167.0	81.5	274	93.3	54.9	35.1*	1.0	4.27	70.3	6.00	90.0
2.0	4.3	166.9	81.5	279	93.3	55.0	34.9*	2.0	4.28	70.4	6.00	90.0
3.0	4.3	166.9	81.5	279	93.3	55.0	35.0*	3.0	4.28	70.5	6.00	90.0
4.0	4.3	166.8	81.5	279	93.3	55.0	35.0*	4.0	4.29	70.5	6.00	90.0
5.0	4.3	166.8	81.5	279	93.3	55.0	35.0*	5.0	4.29	70.6	6.00	90.0
6.0	4.3	166.7	81.6	279	93.3	55.0	35.0*	6.0	4.29	70.7	6.00	90.0
7.0	4.3	166.7	81.6	279	93.3	55.0	35.0*	7.0	4.29	70.8	6.00	90.0
8.0	4.3	166.6	81.6	279	93.3	55.0	35.0*	8.0	4.30	70.9	6.00	90.0
9.0	4.3	166.6	81.6	279	93.3	55.0	35.0*	9.0	4.30	71.0	6.00	90.0
10.0	4.3	166.5	81.7	279	93.3	55.0	35.0*	10.0	4.30	71.1	6.00	90.0
11.0	4.3	166.5	81.7	279	93.3	55.0	35.0*	11.0	4.30	71.1	6.00	90.0
12.0	4.3	166.5	81.7	279	93.3	54.9	35.1*	12.0	4.30	71.2	6.00	90.0
13.0	4.3	166.4	81.7	279	93.3	54.9	35.1*	13.0	4.31	71.3	6.00	90.0
14.0	4.3	166.4	81.8	279	93.3	54.9	35.1*	14.0	4.31	71.4	6.00	90.0
15.0	4.3	166.3	81.8	279	93.3	54.9	35.1*	15.0	4.31	71.5	6.00	90.0
16.0	4.3	166.3	81.9	279	93.3	54.9	35.1*	16.0	4.31	71.6	6.00	90.0
17.0	4.3	166.2	81.9	279	93.3	54.9	35.1*	17.0	4.31	71.6	6.00	90.0
18.0	4.3	166.2	81.9	279	93.3	54.9	35.2*	18.0	4.32	71.7	6.00	90.0
19.0	4.3	166.1	82.0	279	93.3	54.8	35.2*	19.0	4.32	71.8	6.00	90.0
20.0	4.3	166.1	82.0	279	93.3	54.8	35.2*	20.0	4.32	71.9	6.00	90.0
21.0	4.3	166.0	82.0	279	93.3	54.8	35.2*	21.0	4.32	72.0	6.00	90.0

22.0	4.3	166.0	82.1	284	93.3	55.0	35.0*	22.0	4.33	72.1	6.00	90.0
23.0	4.3	165.9	82.1	284	93.3	54.9	35.1*	23.0	4.33	72.2	6.00	90.0
24.0	4.3	165.9	82.2	284	93.3	54.9	35.1*	24.0	4.33	72.2	6.00	90.0
25.0	4.3	165.9	82.2	284	93.3	54.9	35.1*	25.0	4.34	72.3	6.00	90.0
26.0	4.3	165.8	82.3	284	93.3	54.9	35.1*	26.0	4.34	72.4	6.00	90.0
27.0	4.3	165.8	82.3	284	93.3	54.9	35.1*	27.0	4.34	72.5	6.00	90.0
28.0	4.3	165.7	82.4	284	93.3	54.8	35.2*	28.0	4.34	72.6	6.00	90.0
29.0	4.3	165.7	82.4	284	93.3	54.8	35.2*	29.0	4.34	72.7	6.00	90.0
30.0	4.3	165.7	82.5	284	93.3	54.8	35.2*	30.0	4.35	72.8	6.00	90.0
31.0	4.3	165.6	82.5	284	93.3	54.8	35.2*	31.0	4.35	72.8	6.00	90.0
32.0	4.3	165.6	82.6	284	93.3	54.8	35.3*	32.0	4.35	72.9	6.00	90.0
33.0	4.3	165.5	82.6	284	93.3	54.7	35.3*	33.0	4.35	73.0	6.00	90.0
34.0	4.3	165.5	82.7	284	93.3	54.7	35.3*	34.0	4.35	73.1	6.00	90.0
35.0	4.4	165.5	82.7	284	93.3	54.7	35.3*	35.0	4.36	73.2	6.00	90.0
36.0	4.4	165.4	82.8	284	93.3	54.7	35.4*	36.0	4.36	73.3	6.00	90.0
37.0	4.4	165.4	82.8	284	93.3	54.6	35.4*	37.0	4.36	73.3	6.00	90.0
38.0	4.4	165.4	82.9	284	93.3	54.6	35.4*	38.0	4.36	73.4	6.00	90.0
39.0	4.4	165.3	83.0	284	93.3	54.6	35.5*	39.0	4.36	73.5	6.00	90.0
40.0	4.4	165.3	83.0	284	93.3	54.6	35.5*	40.0	4.37	73.6	6.00	90.0
41.0	4.4	165.3	83.1	284	93.3	54.5	35.5*	41.0	4.37	73.7	6.00	90.0
42.0	4.4	165.2	83.1	284	93.3	54.5	35.5*	42.0	4.37	73.8	6.00	90.0
43.0	4.4	165.2	83.2	284	93.3	54.5	35.6*	43.0	4.37	73.9	6.00	90.0
44.0	4.4	165.2	83.3	284	93.3	54.5	35.6*	44.0	4.37	73.9	6.00	90.0
45.0	4.4	165.2	83.3	284	93.3	54.4	35.6*	45.0	4.38	74.0	6.00	90.0
46.0	4.3	165.2	83.4	284	93.3	54.4	35.7*	46.0	4.34	72.9	6.00	90.0
47.0	4.3	165.1	83.5	284	93.3	54.4	35.7*	47.0	4.31	71.8	6.00	90.0
48.0	4.3	165.1	83.6	284	93.3	54.3	35.7*	48.0	4.28	70.7	6.00	90.0
49.0	4.2	165.1	83.7	284	93.3	54.3	35.8*	49.0	4.24	69.6	6.00	90.0
50.0	4.2	165.1	83.7	284	93.3	54.3	35.8*	50.0	4.21	68.5	6.00	90.0
51.0	4.2	165.1	83.8	284	93.3	54.2	35.8*	51.0	4.18	67.4	6.00	90.0
52.0	4.1	165.1	83.9	284	93.3	54.2	35.9*	52.0	4.14	66.3	6.00	90.1
53.0	4.1	165.1	84.0	284	93.3	54.2	35.9*	53.0	4.11	65.2	6.00	90.0
54.0	4.1	165.1	84.1	284	93.3	54.1	35.9*	54.0	4.08	64.1	6.00	90.0
55.0	4.1	165.1	84.1	284	93.3	54.1	36.0*	55.0	4.05	63.0	6.00	90.0

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311 m	AAT			C/R	100 m	AAT			
Lat 41-53-00		Latitude: 42-38-12					Latitude: 41-53-00					
Lon 73-46-30		Longitude: 73-59-45					Longitude: 73-46-30					
Bear.	Dist	Bear.	Dist	Haaat	ERP	F.S.	U/D	Bear.	Dist	Haaat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
56.0	4.0	165.2	84.2	284	93.3	54.1	36.0*	56.0	4.01	61.9	6.00	90.1
57.0	4.0	165.2	84.3	284	93.3	54.0	36.0*	57.0	3.98	60.8	6.00	90.1
58.0	4.0	165.2	84.4	284	93.3	54.0	36.1*	58.0	3.96	59.7	6.00	90.0
59.0	3.9	165.2	84.4	284	93.3	54.0	36.1*	59.0	3.92	58.6	6.00	90.1
60.0	3.9	165.2	84.5	284	93.3	53.9	36.1*	60.0	3.89	57.5	6.00	90.0
61.0	3.8	165.2	84.6	284	93.3	53.9	36.2*	61.0	3.85	56.4	6.00	90.0
62.0	3.8	165.2	84.7	284	93.3	53.9	36.2*	62.0	3.81	55.3	6.00	90.0
63.0	3.8	165.2	84.7	284	93.3	53.8	36.2*	63.0	3.77	54.2	6.00	90.0
64.0	3.7	165.2	84.8	284	93.3	53.8	36.3*	64.0	3.73	53.1	6.00	90.0
65.0	3.7	165.3	84.9	284	93.3	53.8	36.3*	65.0	3.68	52.0	6.00	90.1
66.0	3.6	165.3	85.0	284	93.3	53.7	36.3*	66.0	3.64	50.9	6.00	90.1
67.0	3.6	165.3	85.0	284	93.3	53.7	36.4*	67.0	3.59	49.8	6.00	90.1
68.0	3.6	165.3	85.1	284	93.3	53.7	36.4*	68.0	3.55	48.7	6.00	90.1
69.0	3.5	165.4	85.2	284	93.3	53.7	36.4*	69.0	3.51	47.6	6.00	90.1
70.0	3.5	165.4	85.2	284	93.3	53.6	36.5*	70.0	3.46	46.5	6.00	90.1
71.0	3.4	165.4	85.3	284	93.3	53.6	36.5*	71.0	3.41	45.4	6.00	90.1
72.0	3.4	165.4	85.3	284	93.3	53.6	36.5*	72.0	3.37	44.3	6.00	90.1
73.0	3.3	165.5	85.4	284	93.3	53.5	36.6*	73.0	3.32	43.2	6.00	90.1
74.0	3.3	165.5	85.5	284	93.3	53.5	36.6*	74.0	3.27	42.1	6.00	90.1
75.0	3.2	165.5	85.5	284	93.3	53.5	36.6*	75.0	3.22	41.0	6.00	90.1
76.0	3.2	165.6	85.6	284	93.3	53.5	36.6*	76.0	3.17	39.9	6.00	90.1
77.0	3.1	165.6	85.6	284	93.3	53.5	36.7*	77.0	3.13	38.8	6.00	90.1
78.0	3.1	165.6	85.7	284	93.3	53.4	36.7*	78.0	3.08	37.7	6.00	90.1
79.0	3.0	165.7	85.7	284	93.3	53.4	36.7*	79.0	3.03	36.6	6.00	90.1
80.0	3.0	165.7	85.8	284	93.3	53.4	36.7*	80.0	2.99	35.5	6.00	90.1

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
---- Site ----		C/R	311 m	AAT			C/R	100 m	AAT			
Lat 41-53-00		Latitude: 42-38-12					Latitude: 41-53-00					
Lon 73-46-30		Longitude: 73-59-45					Longitude: 73-46-30					
Bear.	Dist	Bear.	Dist	Haaat	ERP	F.S.	U/D	Bear.	Dist	Haaat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
81.0	2.9	165.7	85.8	284	93.3	53.4	36.8*	81.0	2.94	34.4	6.00	90.1
82.0	2.9	165.8	85.9	284	93.3	53.3	36.8*	82.0	2.90	33.3	6.00	90.1
83.0	2.9	165.8	85.9	284	93.3	53.3	36.8*	83.0	2.85	32.2	6.00	90.1
84.0	2.8	165.8	86.0	284	93.3	53.3	36.8*	84.0	2.81	31.1	6.00	90.1
85.0	2.8	165.8	86.0	284	93.3	53.3	36.9*	85.0	2.78	30.0	6.00	90.1
86.0	2.8	165.9	86.1	284	93.3	53.3	36.9*	86.0	2.78	28.9	6.00	90.1
87.0	2.8	165.9	86.1	284	93.3	53.2	36.9*	87.0	2.78	27.8	6.00	90.1
88.0	2.8	165.9	86.2	284	93.3	53.2	36.9*	88.0	2.78	26.7	6.00	90.1
89.0	2.8	165.9	86.2	284	93.3	53.2	36.9*	89.0	2.78	25.6	6.00	90.1
90.0	2.8	165.9	86.2	284	93.3	53.2	37.0*	90.0	2.78	24.5	6.00	90.1
91.0	2.8	165.9	86.3	284	93.3	53.2	37.0*	91.0	2.78	25.3	6.00	90.1
92.0	2.8	165.9	86.3	284	93.3	53.1	37.0*	92.0	2.78	26.2	6.00	90.1
93.0	2.8	165.9	86.4	284	93.3	53.1	37.0*	93.0	2.78	27.1	6.00	90.1
94.0	2.8	165.9	86.4	284	93.3	53.1	37.1*	94.0	2.78	28.0	6.00	90.1
95.0	2.8	165.9	86.5	284	93.3	53.1	37.1*	95.0	2.78	29.9	6.00	90.1
96.0	2.8	165.9	86.5	284	93.3	53.1	37.1*	96.0	2.78	29.8	6.00	90.1
97.0	2.8	165.9	86.6	284	93.3	53.1	37.1*	97.0	2.78	30.7	6.00	90.2
98.0	3.9	165.2	87.1	284	93.3	52.8	31.4	98.0	3.95	31.5	6.00	84.2
99.0	4.0	165.2	87.1	284	93.3	52.8	31.4	99.0	3.99	32.4	6.00	84.2
100.0	4.0	165.2	87.2	284	93.3	52.8	31.5	100.0	4.04	33.3	6.00	84.2
101.0	4.1	165.2	87.3	284	93.3	52.7	31.5	101.0	4.09	34.2	6.00	84.2
102.0	4.1	165.2	87.4	284	93.3	52.7	31.6	102.0	4.14	35.1	6.00	84.3
103.0	4.2	165.2	87.5	284	93.3	52.7	31.6	103.0	4.19	36.0	6.00	84.3
104.0	4.2	165.2	87.6	284	93.3	52.6	31.7	104.0	4.25	36.8	6.00	84.3
105.0	4.3	165.2	87.7	284	93.3	52.6	31.7	105.0	4.30	37.7	6.00	84.3
106.0	4.3	165.2	87.8	284	93.3	52.5	31.8	106.0	4.35	38.6	6.00	84.3

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311 m	AAT			C/R	100 m	AAT			
Lat 41-53-00		Latitude: 42-38-12					Latitude: 41-53-00					
Lon 73-46-30		Longitude: 73-59-45					Longitude: 73-46-30					
Bear.	Dist	Bear.	Dist	Haat	ERP	F.S.	U/D	Bear.	Dist	Haat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
107.0	4.4	165.2	87.8	284	93.3	52.5	31.8	107.0	4.39	39.5	6.00	84.3
108.0	4.5	165.2	87.9	284	93.3	52.5	31.9	108.0	4.45	40.4	6.00	84.3
109.0	4.5	165.2	88.0	284	93.3	52.4	31.9	109.0	4.50	41.3	6.00	84.3
110.0	4.6	165.2	88.1	284	93.3	52.4	32.0	110.0	4.55	42.1	6.00	84.3
111.0	4.6	165.2	88.2	284	93.3	52.4	32.0	111.0	4.61	43.0	6.00	84.3
112.0	4.7	165.2	88.3	284	93.3	52.3	32.1	112.0	4.66	43.9	6.00	84.3
113.0	4.7	165.2	88.4	284	93.3	52.3	32.1	113.0	4.71	44.8	6.00	84.4
114.0	4.8	165.2	88.5	284	93.3	52.2	32.2	114.0	4.76	45.7	6.00	84.4
115.0	4.8	165.2	88.6	284	93.3	52.2	32.2	115.0	4.81	46.6	6.00	84.4
116.0	4.9	165.2	88.7	284	93.3	52.1	32.3	116.0	4.86	47.5	6.00	84.4
117.0	4.9	165.2	88.8	284	93.3	52.1	32.3	117.0	4.91	48.3	6.00	84.4
118.0	5.0	165.2	88.9	284	93.3	52.1	32.4	118.0	4.96	49.2	6.00	84.4
119.0	5.0	165.3	89.0	284	93.3	52.0	32.4	119.0	5	50.1	6.00	84.4
120.0	5.0	165.3	89.1	284	93.3	52.0	32.5	120.0	5.05	51.0	6.00	84.4
121.0	5.1	165.3	89.2	284	93.3	51.9	32.5	121.0	5.10	51.9	6.00	84.4
122.0	5.1	165.3	89.3	284	93.3	51.9	32.6	122.0	5.14	52.8	6.00	84.5
123.0	5.2	165.3	89.4	284	93.3	51.9	32.6	123.0	5.18	53.6	6.00	84.5
124.0	5.2	165.4	89.5	284	93.3	51.8	32.7	124.0	5.22	54.5	6.00	84.5
125.0	5.3	165.4	89.5	284	93.3	51.8	32.7	125.0	5.26	55.4	6.00	84.5
126.0	5.3	165.4	89.6	284	93.3	51.8	32.8	126.0	5.30	56.3	6.00	84.5
127.0	5.3	165.5	89.7	284	93.3	51.7	32.8	127.0	5.33	57.2	6.00	84.5
128.0	5.4	165.5	89.8	284	93.3	51.7	32.8	128.0	5.37	58.1	6.00	84.5
129.0	5.4	165.5	89.9	284	93.3	51.6	32.9	129.0	5.41	59.0	6.00	84.5
130.0	5.4	165.6	90.0	284	93.3	51.6	32.9	130.0	5.44	59.8	6.00	84.5
131.0	5.5	165.6	90.1	284	93.3	51.6	33.0	131.0	5.47	60.7	6.00	84.6
132.0	5.5	165.6	90.1	284	93.3	51.5	33.0	132.0	5.51	61.6	6.00	84.5

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311 m	AAT			C/R	100 m	AAT			
Lat	41-53-00			Latitude:	42-38-12				Latitude:	41-53-00		
Lon	73-46-30			Longitude:	73-59-45				Longitude:	73-46-30		
Bear.	Dist	Bear.	Dist	Haat	ERP	F.S.	U/D	Bear.	Dist	Haat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
133.0	5.5	165.7	90.2	284	93.3	51.5	33.1	133.0	5.54	62.5	6.00	84.6
134.0	5.6	165.7	90.3	284	93.3	51.5	33.1	134.0	5.57	63.4	6.00	84.6
135.0	5.6	165.8	90.4	284	93.3	51.4	33.1	135.0	5.61	64.3	6.00	84.6
136.0	5.7	165.8	90.5	284	93.3	51.4	33.2	136.0	5.65	65.8	6.00	84.6
137.0	5.7	165.8	90.6	284	93.3	51.4	33.2	137.0	5.71	67.3	6.00	84.6
138.0	5.8	165.9	90.7	284	93.3	51.3	33.3	138.0	5.77	68.8	6.00	84.6
139.0	5.8	165.9	90.8	284	93.3	51.3	33.4	139.0	5.83	70.4	6.00	84.6
140.0	5.9	166.0	90.9	284	93.3	51.2	33.4	140.0	5.88	71.9	6.00	84.6
141.0	5.9	166.0	90.9	279	93.3	51.0	33.7	141.0	5.93	73.4	6.00	84.7
142.0	6.0	166.0	91.0	279	93.3	51.0	33.7	142.0	5.99	74.9	6.00	84.7
143.0	6.0	166.1	91.1	279	93.3	51.0	33.8	143.0	6.04	76.5	6.00	84.7
144.0	6.1	166.1	91.2	279	93.3	50.9	33.8	144.0	6.09	78.0	6.00	84.7
145.0	6.2	166.2	91.3	279	93.3	50.9	33.9	145.0	6.15	79.5	6.00	84.7
146.0	6.2	166.2	91.4	279	93.3	50.8	33.9	146.0	6.21	81.0	6.00	84.7
147.0	6.3	166.3	91.5	279	93.3	50.8	33.9	147.0	6.27	82.6	6.00	84.7
148.0	6.3	166.3	91.6	279	93.3	50.8	34.0	148.0	6.33	84.1	6.00	84.7
149.0	6.4	166.4	91.7	279	93.3	50.7	34.0	149.0	6.38	85.6	6.00	84.8
150.0	6.4	166.5	91.8	279	93.3	50.7	34.1	150.0	6.44	87.1	6.00	84.8
151.0	6.5	166.5	91.8	279	93.3	50.7	34.1	151.0	6.49	88.7	6.00	84.8
152.0	6.6	166.6	91.9	279	93.3	50.6	34.2	152.0	6.55	90.2	6.00	84.8
153.0	6.6	166.6	92.0	279	93.3	50.6	34.2	153.0	6.60	91.7	6.00	84.8
154.0	6.7	166.7	92.1	279	93.3	50.6	34.3	154.0	6.66	93.2	6.00	84.8
155.0	6.7	166.8	92.2	279	93.3	50.5	34.3	155.0	6.71	94.7	6.00	84.8
156.0	6.8	166.8	92.2	279	93.3	50.5	34.3	156.0	6.77	96.3	6.00	84.8
157.0	6.8	166.9	92.3	279	93.3	50.5	34.4	157.0	6.82	97.8	6.00	84.8
158.0	6.9	167.0	92.4	279	93.3	50.4	34.4	158.0	6.87	99.3	6.00	84.8

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311 m	AAT			C/R	100 m	AAT			
Lat 41-53-00		Latitude: 42-38-12					Latitude: 41-53-00					
Lon 73-46-30		Longitude: 73-59-45					Longitude: 73-46-30					
Bear.	Dist	Bear.	Dist	Haa	ERP	F.S.	U/D	Bear.	Dist	Haa	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
159.0	6.9	167.0	92.4	274	93.3	50.2	34.7	159.0	6.90	101	6.00	84.9
160.0	7.0	167.1	92.5	274	93.3	50.2	34.7	160.0	6.95	102	6.00	84.9
161.0	7.0	167.2	92.6	274	93.3	50.2	34.7	161.0	7.00	104	6.00	84.9
162.0	7.1	167.2	92.6	274	93.3	50.2	34.8	162.0	7.05	105	6.00	84.9
163.0	7.1	167.3	92.7	274	93.3	50.1	34.8	163.0	7.10	107	6.00	84.9
164.0	7.1	167.4	92.7	274	93.3	50.1	34.8	164.0	7.14	108	6.00	84.9
165.0	7.2	167.5	92.8	274	93.3	50.1	34.8	165.0	7.19	110	6.00	84.9
166.0	7.2	167.5	92.8	274	93.3	50.1	34.9	166.0	7.24	112	6.00	84.9
167.0	7.3	167.6	92.9	274	93.3	50.1	34.9	167.0	7.28	113	6.00	84.9
168.0	7.3	167.7	92.9	274	93.3	50.0	34.9	168.0	7.32	115	6.00	84.9
169.0	7.4	167.8	93.0	274	93.3	50.0	34.9	169.0	7.36	116	6.00	84.9
170.0	7.4	167.9	93.0	274	93.3	50.0	35.0	170.0	7.41	118	6.00	84.9
171.0	7.5	167.9	93.0	274	93.3	50.0	35.0	171.0	7.45	119	6.00	84.9
172.0	7.5	168.0	93.1	270	93.3	49.8	35.2	172.0	7.48	121	6.00	85.0
173.0	7.5	168.1	93.1	270	93.3	49.8	35.2	173.0	7.52	122	6.00	85.0
174.0	7.6	168.2	93.1	270	93.3	49.8	35.2	174.0	7.56	124	6.00	85.0
175.0	7.6	168.3	93.2	270	93.3	49.8	35.2	175.0	7.60	125	6.00	85.0
176.0	7.6	168.4	93.2	270	93.3	49.8	35.3	176.0	7.64	127	6.00	85.0
177.0	7.7	168.4	93.2	270	93.3	49.8	35.3	177.0	7.68	128	6.00	85.0
178.0	7.7	168.5	93.2	270	93.3	49.7	35.3	178.0	7.72	130	6.00	85.0
179.0	7.8	168.6	93.2	270	93.3	49.7	35.3	179.0	7.76	131	6.00	85.0
180.0	7.8	168.7	93.3	270	93.3	49.7	35.3	180.0	7.81	133	6.00	85.0
181.0	7.8	168.8	93.2	270	93.3	49.7	35.3	181.0	7.81	133	6.00	85.0
182.0	7.8	168.9	93.2	270	93.3	49.7	35.3	182.0	7.81	133	6.00	85.0
183.0	7.8	168.9	93.2	270	93.3	49.8	35.3	183.0	7.82	133	6.00	85.0
184.0	7.8	169.0	93.1	265	93.3	49.6	35.4	184.0	7.80	133	6.00	85.0

Interference	----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----				
--- Site ---	C/R	311	m	AAT		C/R	100	m	AAT	
Lat 41-53-00	Latitude: 42-38-12					Latitude: 41-53-00				
Lon 73-46-30	Longitude: 73-59-45					Longitude: 73-46-30				

Bear.	Dist	Bear.	Dist	Haat	ERP	F.S.	U/D	Bear.	Dist	Haat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
165.0	7.8	169.1	93.1	265	93.3	49.6	35.4	185.0	7.81	133	6.00	85.0
186.0	7.8	169.2	93.1	265	93.3	49.6	35.4	186.0	7.81	133	6.00	85.0
187.0	7.8	169.3	93.0	265	93.3	49.6	35.4	187.0	7.81	133	6.00	85.0
188.0	7.8	169.3	93.0	265	93.3	49.7	35.4	188.0	7.82	133	6.00	85.0
189.0	7.8	169.4	92.9	265	93.3	49.7	35.4	189.0	7.82	134	6.00	85.0
190.0	7.8	169.5	92.9	265	93.3	49.7	35.3	190.0	7.83	134	6.00	85.0
191.0	7.8	169.6	92.9	265	93.3	49.7	35.3	191.0	7.83	134	6.00	85.0
192.0	7.8	169.7	92.8	265	93.3	49.7	35.3	192.0	7.84	134	6.00	85.0
193.0	7.8	169.7	92.8	265	93.3	49.8	35.3	193.0	7.84	134	6.00	85.0
194.0	7.8	169.8	92.7	265	93.3	49.8	35.2	194.0	7.84	134	6.00	85.0
195.0	7.9	169.9	92.7	265	93.3	49.8	35.2	195.0	7.85	134	6.00	85.0
196.0	7.9	170.0	92.6	265	93.3	49.8	35.2	196.0	7.85	134	6.00	85.0
197.0	7.8	170.0	92.5	261	93.3	49.7	35.4	197.0	7.84	134	6.00	85.0
198.0	7.8	170.1	92.5	261	93.3	49.7	35.3	198.0	7.84	134	6.00	85.0
199.0	7.9	170.2	92.4	261	93.3	49.7	35.3	199.0	7.85	134	6.00	85.0
200.0	7.9	170.3	92.3	261	93.3	49.7	35.3	200.0	7.85	134	6.00	85.0
201.0	7.9	170.4	92.3	261	93.3	49.8	35.2	201.0	7.86	134	6.00	85.0
202.0	7.9	170.4	92.2	261	93.3	49.8	35.2	202.0	7.87	135	6.00	85.0
203.0	7.9	170.5	92.1	261	93.3	49.8	35.2	203.0	7.87	135	6.00	85.0
204.0	7.9	170.6	92.1	261	93.3	49.9	35.1	204.0	7.88	135	6.00	85.0
205.0	7.9	170.6	92.0	261	93.3	49.9	35.1	205.0	7.88	135	6.00	85.0
206.0	7.9	170.7	91.9	261	93.3	49.9	35.1	206.0	7.89	135	6.00	85.0
207.0	7.9	170.8	91.9	261	93.3	49.9	35.0	207.0	7.89	135	6.00	85.0
208.0	7.9	170.9	91.8	261	93.3	50.0	35.0	208.0	7.90	135	6.00	84.9
209.0	7.9	170.9	91.7	261	93.3	50.0	34.9	209.0	7.91	135	6.00	84.9
210.0	7.9	171.0	91.6	256	93.3	49.9	35.1	210.0	7.91	135	6.00	84.9

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----						
--- Site ---		C/R	311	m	AAT		C/R	100	m	AAT			
Lat	41-53-00	Latitude: 42-38-12					Latitude: 41-53-00						
Lon	73-46-30	Longitude: 73-59-45					Longitude: 73-46-30						
Bear.	Dist	Bear.	Dist	Haa	T	ERP	F.S.	U/D	Bear.	Dist	Haa	T	
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)		(dB)	(deg)	(km)	(m)	(kW)	(dBu)
211.0	7.9	171.1	91.5	256	93.3	49.9	35.1		211.0	7.90	135	6.00	85.0
212.0	7.9	171.1	91.4	256	93.3	49.9	35.0		212.0	7.91	135	6.00	84.9
213.0	7.9	171.2	91.4	256	93.3	50.0	35.0		213.0	7.91	135	6.00	84.9
214.0	7.9	171.3	91.3	256	93.3	50.0	34.9		214.0	7.92	135	6.00	84.9
215.0	7.9	171.3	91.2	256	93.3	50.0	34.9		215.0	7.93	135	6.00	84.9
216.0	7.9	171.4	91.1	256	93.3	50.1	34.8		216.0	7.93	136	6.00	84.9
217.0	7.9	171.5	91.0	256	93.3	50.1	34.8		217.0	7.94	136	6.00	84.9
218.0	7.9	171.5	90.9	256	93.3	50.2	34.7		218.0	7.95	136	6.00	84.9
219.0	7.9	171.6	90.8	256	93.3	50.2	34.7		219.0	7.95	136	6.00	84.9
220.0	8.0	171.7	90.7	256	93.3	50.2	34.6		220.0	7.96	136	6.00	84.9
221.0	8.0	171.7	90.6	256	93.3	50.3	34.6		221.0	7.97	136	6.00	84.9
222.0	8.0	171.8	90.5	256	93.3	50.3	34.5		222.0	7.98	136	6.00	84.8
223.0	8.0	171.8	90.4	256	93.3	50.4	34.5		223.0	7.98	136	6.00	84.9
224.0	8.0	171.9	90.3	256	93.3	50.4	34.4		224.0	7.99	136	6.00	84.8
225.0	8.0	172.0	90.2	256	93.3	50.5	34.4		225.0	8.00	136	6.00	84.8
226.0	8.0	172.0	90.1	252	93.3	50.3	34.5		226.0	8.00	137	6.00	84.9
227.0	8.0	172.1	90.0	252	93.3	50.4	34.5		227.0	8.02	137	6.00	84.8
228.0	8.0	172.1	89.9	252	93.3	50.4	34.4		228.0	8.04	138	6.00	84.8
229.0	8.1	172.2	89.8	252	93.3	50.5	34.4		229.0	8.06	138	6.00	84.8
230.0	8.1	172.2	89.7	252	93.3	50.5	34.3		230.0	8.08	139	6.00	84.8
231.0	8.1	172.3	89.5	252	93.3	50.5	34.3		231.0	8.10	139	6.00	84.8
232.0	8.1	172.4	89.4	252	93.3	50.6	34.2		232.0	8.12	140	6.00	84.8
233.0	8.1	172.4	89.3	252	93.3	50.6	34.2		233.0	8.13	140	6.00	84.8
234.0	8.2	172.5	89.2	252	93.3	50.7	34.1		234.0	8.15	140	6.00	84.8
235.0	8.2	172.5	89.1	252	93.3	50.7	34.0		235.0	8.18	141	6.00	84.7
236.0	8.2	172.6	89.0	252	93.3	50.8	34.0		236.0	8.20	141	6.00	84.7

Interference	----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----						
--- Site ---	C/R	311 m	AAT			C/R	100 m	AAT				
Lat 41-53-00		Latitude:	42-38-12				Latitude:	41-53-00				
Lon 73-46-30		Longitude:	73-59-45				Longitude:	73-46-30				
Bear.	Dist	Bear.	Dist	HaaT	ERP	F.S.	U/D	Bear.	Dist	HaaT	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
237.0	8.2	172.6	88.9	252	93.3	50.8	33.9	237.0	8.22	142	6.00	84.7
238.0	5.9	171.3	87.8	256	93.3	51.5	39.1*	238.0	5.89	142	6.00	90.6
239.0	5.9	171.3	87.7	256	93.3	51.5	39.1*	239.0	5.90	143	6.00	90.6
240.0	5.9	171.4	87.6	256	93.3	51.5	39.0*	240.0	5.91	143	6.00	90.6
241.0	5.9	171.4	87.5	256	93.3	51.6	39.0*	241.0	5.93	144	6.00	90.5
242.0	5.9	171.4	87.4	256	93.3	51.6	38.9*	242.0	5.94	144	6.00	90.5
243.0	5.9	171.5	87.3	256	93.3	51.7	38.9*	243.0	5.95	145	6.00	90.5
244.0	6.0	171.5	87.2	256	93.3	51.7	38.8*	244.0	5.97	145	6.00	90.5
245.0	6.0	171.5	87.1	256	93.3	51.7	38.8*	245.0	5.98	146	6.00	90.5
246.0	6.0	171.5	87.0	256	93.3	51.8	38.7*	246.0	5.99	146	6.00	90.5
247.0	6.0	171.6	86.9	256	93.3	51.8	38.7*	247.0	6.01	147	6.00	90.5
248.0	6.0	171.6	86.8	256	93.3	51.9	38.6*	248.0	6.02	147	6.00	90.5
249.0	6.0	171.6	86.7	256	93.3	51.9	38.6*	249.0	6.03	148	6.00	90.5
250.0	6.0	171.6	86.6	256	93.3	51.9	38.5*	250.0	6.04	148	6.00	90.4
251.0	6.1	171.7	86.5	256	93.3	52.0	38.5*	251.0	6.05	148	6.00	90.4
252.0	6.1	171.7	86.4	256	93.3	52.0	38.4*	252.0	6.06	149	6.00	90.4
253.0	6.1	171.7	86.3	256	93.3	52.1	38.4*	253.0	6.08	149	6.00	90.4
254.0	6.1	171.7	86.2	256	93.3	52.1	38.3*	254.0	6.09	150	6.00	90.4
255.0	6.1	171.7	86.1	256	93.3	52.2	38.2*	255.0	6.11	150	6.00	90.4
256.0	6.1	171.8	86.0	256	93.3	52.2	38.2*	256.0	6.12	151	6.00	90.4
257.0	6.1	171.8	85.9	256	93.3	52.3	38.1*	257.0	6.13	151	6.00	90.4
258.0	6.2	171.8	85.8	256	93.3	52.3	38.1*	258.0	6.15	152	6.00	90.4
259.0	6.2	171.8	85.7	256	93.3	52.3	38.0*	259.0	6.16	152	6.00	90.4
260.0	6.2	171.8	85.6	256	93.3	52.4	38.0*	260.0	6.17	153	6.00	90.4
261.0	6.2	171.8	85.5	256	93.3	52.4	37.9*	261.0	6.19	153	6.00	90.3
262.0	6.2	171.8	85.4	256	93.3	52.3	37.9*	262.0	6.20	154	6.00	90.3

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311	m	AAT		C/R	100	m	AAT		
Lat	41-53-00	Latitude:				42-38-12	Latitude:				41-53-00	
Lon	73-46-30	Longitude:				73-59-45	Longitude:				73-46-30	
Bear.	Dist	Bear.	Dist	Haa	ERP	F.S.	U/D	Bear.	Dist	Haa	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
263.0	6.2	171.8	85.3	256	93.3	52.5	37.8*	263.0	6.22	154	6.00	90.3
264.0	6.2	171.9	85.2	256	93.3	52.6	37.7*	264.0	6.23	155	6.00	90.3
265.0	6.2	171.9	85.1	256	93.3	52.6	37.7*	265.0	6.24	155	6.00	90.3
266.0	6.3	171.9	84.9	256	93.3	52.7	37.6*	266.0	6.26	155	6.00	90.3
267.0	6.3	171.9	84.8	256	93.3	52.7	37.6*	267.0	6.27	156	6.00	90.3
268.0	6.3	171.9	84.7	256	93.3	52.8	37.5*	268.0	6.29	156	6.00	90.2
269.0	6.3	171.9	84.6	256	93.3	52.8	37.4*	269.0	6.30	157	6.00	90.2
270.0	6.3	171.9	84.5	256	93.3	52.9	37.4*	270.0	6.31	157	6.00	90.2
271.0	6.3	171.9	84.4	256	93.3	52.9	37.3*	271.0	6.31	157	6.00	90.2
272.0	6.3	171.8	84.3	256	93.3	52.9	37.3*	272.0	6.31	157	6.00	90.2
273.0	6.3	171.8	84.2	256	93.3	53.0	37.2*	273.0	6.31	156	6.00	90.2
274.0	6.3	171.8	84.1	256	93.3	53.0	37.2*	274.0	6.30	156	6.00	90.2
275.0	6.3	171.8	84.0	256	93.3	53.1	37.1*	275.0	6.30	156	6.00	90.2
276.0	6.3	171.8	83.9	256	93.3	53.1	37.0*	276.0	6.30	155	6.00	90.1
277.0	6.3	171.7	83.8	256	93.3	53.2	37.0*	277.0	6.29	155	6.00	90.2
278.0	6.3	171.7	83.7	256	93.3	53.2	36.9*	278.0	6.29	155	6.00	90.1
279.0	6.3	171.7	83.5	256	93.3	53.3	36.9*	279.0	6.29	154	6.00	90.1
280.0	6.3	171.7	83.4	256	93.3	53.3	36.8*	280.0	6.28	154	6.00	90.1
281.0	6.3	171.7	83.3	256	93.3	53.4	36.8*	281.0	6.28	154	6.00	90.1
282.0	6.3	171.6	83.2	256	93.3	53.4	36.7*	282.0	6.27	153	6.00	90.1
283.0	6.3	171.6	83.1	256	93.3	53.4	36.7*	283.0	6.27	153	6.00	90.1
284.0	6.3	171.6	83.0	256	93.3	53.5	36.6*	284.0	6.26	153	6.00	90.1
285.0	6.3	171.5	82.9	256	93.3	53.5	36.6*	285.0	6.26	152	6.00	90.1
286.0	6.3	171.5	82.8	256	93.3	53.6	36.5*	286.0	6.25	152	6.00	90.1
287.0	6.3	171.5	82.7	256	93.3	53.6	36.5*	287.0	6.25	152	6.00	90.1
288.0	6.2	171.4	82.7	256	93.3	53.6	36.5*	288.0	6.24	151	6.00	90.1

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311	m	AAT		C/R	100	m	AAT		
Lat	41-53-00	Latitude: 42-38-12					Latitude: 41-53-00					
Lon	73-46-30	Longitude: 73-59-45					Longitude: 73-46-30					
Bear.	Dist	Bear.	Dist	Haa	ERP	F.S.	U/D	Bear.	Dist	Haa	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
289.0	6.2	171.4	82.6	256	93.3	53.7	36.4*	289.0	6.23	151	6.00	90.1
290.0	6.2	171.3	82.5	256	93.3	53.7	36.4*	290.0	6.23	151	6.00	90.1
291.0	6.2	171.3	82.4	256	93.3	53.8	36.3*	291.0	6.22	150	6.00	90.1
292.0	6.2	171.3	82.3	256	93.3	53.8	36.3*	292.0	6.22	150	6.00	90.1
293.0	6.2	171.2	82.2	256	93.3	53.8	36.2*	293.0	6.21	150	6.00	90.1
294.0	6.2	171.2	82.1	256	93.3	53.9	36.2*	294.0	6.20	149	6.00	90.1
295.0	6.2	171.1	82.0	256	93.3	53.9	36.2*	295.0	6.20	149	6.00	90.1
296.0	6.2	171.1	81.9	256	93.3	54.0	36.1*	296.0	6.19	148	6.00	90.1
297.0	6.2	171.0	81.9	256	93.3	54.0	36.1*	297.0	6.18	148	6.00	90.1
298.0	6.2	171.0	81.8	261	93.3	54.2	35.9*	298.0	6.18	148	6.00	90.0
299.0	6.2	170.9	81.7	261	93.3	54.2	35.8*	299.0	6.17	147	6.00	90.1
300.0	6.2	170.9	81.6	261	93.3	54.3	35.8*	300.0	6.17	147	6.00	90.0
301.0	6.2	170.8	81.5	261	93.3	54.3	35.7*	301.0	6.16	147	6.00	90.0
302.0	6.2	170.8	81.4	261	93.3	54.3	35.7*	302.0	6.15	146	6.00	90.1
303.0	6.2	170.7	81.4	261	93.3	54.4	35.7*	303.0	6.15	146	6.00	90.0
304.0	6.1	170.7	81.3	261	93.3	54.4	35.6*	304.0	6.14	146	6.00	90.0
305.0	6.1	170.6	81.2	261	93.3	54.4	35.6*	305.0	6.13	145	6.00	90.0
306.0	6.1	170.6	81.1	261	93.3	54.5	35.6*	306.0	6.13	145	6.00	90.0
307.0	6.1	170.5	81.1	261	93.3	54.5	35.5*	307.0	6.12	145	6.00	90.0
308.0	6.1	170.5	81.0	261	93.3	54.5	35.5*	308.0	6.11	144	6.00	90.0
309.0	6.1	170.4	80.9	261	93.3	54.6	35.5*	309.0	6.11	144	6.00	90.0
310.0	6.1	170.3	80.9	261	93.3	54.6	35.5*	310.0	6.10	144	6.00	90.0
311.0	6.1	170.3	80.8	261	93.3	54.6	35.4*	311.0	6.09	143	6.00	90.0
312.0	6.1	170.2	80.8	261	93.3	54.6	35.4*	312.0	6.09	143	6.00	90.0
313.0	6.1	170.2	80.7	261	93.3	54.7	35.4*	313.0	6.08	143	6.00	90.0
314.0	6.1	170.1	80.6	261	93.3	54.7	35.3*	314.0	6.08	142	6.00	90.0

Interference		----- WRGB Channel 6 -----					----- Proposed Ch. 220 -----					
--- Site ---		C/R	311 m	AAT			C/R	100 m	AAT			
Lat	41-53-00	Latitude: 42-38-12					Latitude: 41-53-00					
Lon	73-46-30	Longitude: 73-59-45					Longitude: 73-46-30					
Bear.	Dist	Bear.	Dist	Haat	ERP	F.S.	U/D	Bear.	Dist	Haat	ERP	F.S.
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)
315.0	6.1	170.0	80.6	261	93.3	54.7	35.3*	315.0	6.07	142	6.00	90.0
316.0	6.0	170.0	80.5	265	93.3	54.9	35.1*	316.0	6.04	140	6.00	90.0
317.0	6.0	169.9	80.5	265	93.3	54.9	35.1*	317.0	6.02	139	6.00	90.0
318.0	6.0	169.8	80.5	265	93.3	54.9	35.1*	318.0	5.99	137	6.00	90.0
319.0	5.9	169.7	80.5	265	93.3	55.0	35.1*	319.0	5.95	136	6.00	90.0
320.0	5.9	169.7	80.4	265	93.3	55.0	35.0*	320.0	5.92	134	6.00	90.0
321.0	5.9	169.6	80.4	265	93.3	55.0	35.0*	321.0	5.89	132	6.00	90.0
322.0	5.8	169.5	80.4	265	93.3	55.0	35.0*	322.0	5.85	131	6.00	90.0
323.0	5.8	169.4	80.4	265	93.3	55.0	35.0*	323.0	5.82	129	6.00	90.0
324.0	5.8	169.4	80.4	265	93.3	55.0	35.0*	324.0	5.79	128	6.00	90.0
325.0	5.8	169.3	80.3	265	93.3	55.0	35.0*	325.0	5.75	126	6.00	90.0
326.0	5.7	169.2	80.3	265	93.3	55.0	35.0*	326.0	5.72	124	6.00	90.0
327.0	5.7	169.1	80.3	265	93.3	55.0	35.0*	327.0	5.69	123	6.00	90.0
328.0	5.7	169.1	80.3	265	93.3	55.0	35.0*	328.0	5.65	121	6.00	90.0
329.0	5.6	169.0	80.3	270	93.3	55.2	34.8*	329.0	5.63	120	6.00	90.0
330.0	5.6	168.9	80.3	270	93.3	55.2	34.8*	330.0	5.60	118	6.00	90.0
331.0	5.6	168.8	80.3	270	93.3	55.2	34.8*	331.0	5.57	116	6.00	90.0
332.0	5.5	168.8	80.3	270	93.3	55.2	34.8*	332.0	5.53	115	6.00	90.0
333.0	5.5	168.7	80.3	270	93.3	55.2	34.8*	333.0	5.49	113	6.00	90.0
334.0	5.4	168.6	80.3	270	93.3	55.2	34.8*	334.0	5.45	112	6.00	90.0
335.0	5.4	168.5	80.4	270	93.3	55.2	34.8*	335.0	5.41	110	6.00	90.0
336.0	5.4	168.5	80.4	270	93.3	55.2	34.8*	336.0	5.37	108	6.00	90.0
337.0	5.3	168.4	80.4	270	93.3	55.2	34.8*	337.0	5.33	107	6.00	90.0
338.0	5.3	168.3	80.4	270	93.3	55.2	34.8*	338.0	5.29	105	6.00	90.0
339.0	5.2	168.3	80.4	270	93.3	55.1	34.8*	339.0	5.24	104	6.00	90.0
340.0	5.2	168.2	80.5	270	93.3	55.1	34.9*	340.0	5.21	102	6.00	90.0

Interference		----- WRGB Channel 6 -----						----- Proposed Ch. 220 -----					
--- Site ---		C/R	311 m	AAT				C/R	100 m	AAT			
Lat	41-53-00	Latitude: 42-38-12								Latitude: 41-53-00			
Lon	73-46-30	Longitude: 73-59-45								Longitude: 73-46-30			
Bear.	Dist	Bear.	Dist	Haat	ERP	F.S.	U/D	Bear.	Dist	Haat	ERP	F.S.	
(deg)	(km)	(deg)	(km)	(m)	(kW)	(dBu)	(dB)	(deg)	(km)	(m)	(kW)	(dBu)	
341.0	5.2	168.1	80.5	270	93.3	55.1	34.9*	341.0	5.16	101	6.00	90.0	
342.0	5.1	168.1	80.5	270	93.3	55.1	34.9*	342.0	5.12	98.9	6.00	90.0	
343.0	5.1	168.0	80.6	274	93.3	55.3	34.7*	343.0	5.08	97.3	6.00	90.0	
344.0	5.0	167.9	80.6	274	93.3	55.2	34.7*	344.0	5.03	95.7	6.00	90.0	
345.0	5.0	167.9	80.6	274	93.3	55.2	34.7*	345.0	4.99	94.1	6.00	89.9	
346.0	4.9	167.8	80.7	274	93.3	55.2	34.8*	346.0	4.94	92.5	6.00	89.9	
347.0	4.9	167.7	80.7	274	93.3	55.2	34.8*	347.0	4.89	90.9	6.00	90.0	
348.0	4.8	167.7	80.8	274	93.3	55.2	34.8*	348.0	4.84	89.3	6.00	90.0	
349.0	4.8	167.6	80.8	274	93.3	55.2	34.8*	349.0	4.79	87.7	6.00	90.0	
350.0	4.7	167.6	80.9	274	93.3	55.1	34.9*	350.0	4.75	86.2	6.00	90.0	
351.0	4.7	167.5	80.9	274	93.3	55.1	34.9*	351.0	4.70	84.6	6.00	90.0	
352.0	4.6	167.4	81.0	274	93.3	55.1	34.9*	352.0	4.65	83.0	6.00	90.0	
353.0	4.6	167.4	81.0	274	93.3	55.1	34.9*	353.0	4.60	81.4	6.00	90.0	
354.0	4.6	167.3	81.1	274	93.3	55.0	35.0*	354.0	4.55	79.8	6.00	90.0	
355.0	4.5	167.3	81.2	274	93.3	55.0	35.0*	355.0	4.50	78.2	6.00	90.0	
356.0	4.5	167.2	81.2	274	93.3	55.0	35.0*	356.0	4.46	76.6	6.00	90.0	
357.0	4.4	167.2	81.3	274	93.3	55.0	35.0*	357.0	4.41	75.0	6.00	90.0	
358.0	4.4	167.1	81.3	274	93.3	54.9	35.1*	358.0	4.37	73.4	6.00	90.0	
359.0	4.3	167.1	81.4	274	93.3	54.9	35.1*	359.0	4.32	71.8	6.00	90.0	

Total interference area: 106.992 sq km (41.3100 sq km.)

FM site coordinates: 41-53-00 73-46-30 FM height above mean sea level: 257 m

6 dB TV receiving antenna directivity applied per 73.525(e)(1)(iii).

FM effective radiated power (in kW): 6.000

TV site coordinates: 42-38-12 73-59-45

TV height-above average terrain: 311 m

TV effective radiated power (in kW): 93.30

Area of Interference.	bear. Dist. (deg) (km)	bear. Dist. (deg) (km)	bear. Dist. (deg) (km)
bear. Dist. (deg) (km)	120.0 5.0	245.0 6.0	
.0 4.3	125.0 5.3	250.0 6.0	
5.0 4.3	130.0 5.4	255.0 6.1	
10.0 4.3	135.0 5.6	260.0 6.2	
15.0 4.3	140.0 5.9	265.0 6.2	
20.0 4.3	145.0 6.2	270.0 6.3	
25.0 4.3	150.0 6.4	275.0 6.3	
30.0 4.3	155.0 6.7	280.0 6.3	
35.0 4.4	160.0 7.0	285.0 6.3	
40.0 4.4	165.0 7.2	290.0 6.2	
45.0 4.4	170.0 7.4	295.0 6.2	
50.0 4.2	175.0 7.6	300.0 6.2	
55.0 4.1	180.0 7.8	305.0 6.1	
60.0 3.9	185.0 7.8	310.0 6.1	
65.0 3.7	190.0 7.8	315.0 6.1	
70.0 3.5	195.0 7.9	320.0 5.9	
75.0 3.2	200.0 7.9	325.0 5.8	
80.0 3.0	205.0 7.9	330.0 5.6	
85.0 2.8	210.0 7.9	335.0 5.4	
90.0 2.8	215.0 7.9	340.0 5.2	
95.0 2.8	220.0 8.0	345.0 5.0	
100.0 4.0	225.0 8.0	350.0 4.7	
105.0 4.3	230.0 8.1	355.0 4.5	
110.0 4.6	235.0 8.2	Population within coverage area	
115.0 4.8	240.0 5.9	Total Population (1990 Census): 4,179	